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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/773,026
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Filing Date	02/05/2004
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First Named Inventor	Xiang
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Group Art Unit

Examiner Name

Attorney Docket Number

10/773.026

02/05/2004

Xiang

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Heather Doty

039153-0649

U.S. PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
HD	A4	International Search Report for PCT/US2004/000982, 4 pages.	

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Examiner Signature	Heather Doty	Date Considered	11/16/25
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁹Applicant is to place a check mark here if English language translation is attached.

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 039153-0649		SERIAL NO. <u>101773,026</u> To be determined		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Xiang et al.				
				FILING DATE <u>2/5/04</u> To be determined		GROUP ART UNIT <u>2813</u> To be determined		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	A1	4,683,645	08/04/87	Naguib et al.	437	41		
	A2	4,745,082	05/17/88	Kwok	437	39		
	A3	4,784,718	11/15/88	Mitani et al.	156	643		
	A4	4,789,644	12/06/88	Meda	437	41		
	A5	4,835,112	05/30/89	Pfiester et al.	437	24		
	A6	4,954,867	09/04/90	Hosaka	357	52		
	A7	4,996,574	02/26/91	Shirasaki	357	23.7		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A95	61-180466	8/13/86	Japan				X
	A96	3-248433	11/06/91	Japan				X
	A97	3-288471	12/18/91	Japan				X
	A98	4-123439	4/23/92	Japan				X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	A104	Huang et al., Sub 50 nm FinFET: PMOS, , 1999 IEEE, 4 pages.						
	A105	Yu et al., Ultra-Thin-Body Silicon-On-Insulator MOSFET's For Terabit-Scale Integration; date unknown, pp. 623-626.						
	A106	Chatterjee et al., Sub-100nm Gate Length Metal Gate NMOS Transistors Fabricated by a Replacement Gate Process; 1997 IEEE, 5 pages.						
	A107	Wolf et al., Silicon Processing for the VLSI Era Vol. 1: Process Technology, 1986, 15 pages.						
	A108	Wolf, Silicon Processing for the VLSI Era Vol. 2: Process Integration, 9 pages.						
EXAMINER 				DATE CONSIDERED <u>11/16/05</u>				
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Xiang et al.			
				FILING DATE To be determined		GROUP ART UNIT <u>2613</u> To be determined	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<u>HD</u>	A8	4,998,150	03/05/91	Rodder et al.	357	23.1	
<u>HD</u>	A9	5,102,816	04/07/92	Manukonda et al.	437	44	
	A10	5,108,954	04/28/92	Sandhu et al.	437	200	
	A11	5,120,666	06/09/92	Gotou	437	40	
	A12	5,168,072	12/01/92	Moslehi	437	41	
	A13	5,200,352	04/06/93	Pfiester	437	44	
	A14	5,202,754	04/13/93	Bertin et al.	257	684	
	A15	5,258,637	11/02/93	Sandhu et al.	257	384	
	A16	5,264,382	11/23/93	Watanabe	437	41	
	A17	5,320,974	06/14/94	Hori et al.	437	44	
	A18	5,321,286	06/14/94	Koyama et al.	257	315	
	A19	5,346,834	09/13/94	Hisamoto et al.	437	41	
	A20	5,374,575	12/20/94	Kim et al.	437	44	
	A21	5,391,510	02/21/95	Hsu et al.	437	44	
	A22	5,393,685	02/28/95	Yoo et al.	437	44	
	A23	5,420,048	05/30/95	Kondo	437	21	
	A24	5,429,956	07/04/95	Shell et al.	437	29	
	A25	5,451,798	09/19/95	Tsuda et al.	257	139	
	A26	5,481,133	01/02/96	Hsu	257	621	
	A27	5,482,877	01/09/96	Rhee	437	40 RG	
	A28	5,491,099	02/13/96	Hsu	437	35	
	A29	5,497,019	03/05/96	Mayer et al.	257	347	
	A30	5,516,707	05/14/96	Loh et al.	437	24	
	A31	5,581,101	12/03/96	Ning et al.	257	347	
	A32	5,593,907	01/14/97	Anjum et al.	437	35	
	A33	5,595,919	01/21/97	Pan	437	29	
	A34	5,607,884	03/04/97	Byun	437	41	
	A35	5,612,546	03/18/97	Choi et al.	257	66	
<u>HD</u>	A36	5,612,552	03/18/97	Owens	257	202	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Xiang et al.				
				FILING DATE <u>2/5/04</u> To be determined		GROUP ART UNIT <u>0813</u> To be determined		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
HD	A37	5,654,570	08/05/97	Agnello	257	338		
	A38	5,675,159	10/07/97	Oku et al.	257	284		
	A39	5,675,185	10/07/97	Chen et al.	257	774		
	A40	5,689,136	11/18/97	Usami et al.	257	679		
	A41	5,716,861	02/10/98	Moslehi	437	40		
	A42	5,733,792	03/31/98	Masuoka	437	35		
	A43	5,736,446	04/07/98	Wu	438	305		
	A44	5,753,542	05/19/98	Yamazaki et al.	438	162		
	A45	5,789,792	08/04/98	Tsutsumi	257	506		
	A46	5,793,090	08/11/98	Gardner et al.	257	408		
	A47	5,811,323	09/22/98	Miyasaka et al.	438	151		
	A48	5,825,066	10/20/98	Buynoski	257	345		
	A49	5,851,869	12/22/98	Urayama	438	238		
	A50	5,856,225	01/05/99	Lee et al.	438	291		
	A51	5,858,843	01/12/99	Doyle et al.	438	299		
	A52	5,908,307	06/01/99	Talwar et al.	438	199		
	A53	5,915,182	06/22/99	Wu	438	299		
	A54	5,915,196	06/22/99	Mineji	438	526		
	A55	5,936,280	08/10/99	Liu	257	347		
	A56	5,953,616	09/14/99	Ahn	438	305		
	A57	5,960,270	09/28/99	Misra et al.	438	197		
	A58	5,985,726	11/16/99	Yu et al.	438	301		
	A59	6,008,111	12/28/99	Fushida et al.	438	584		
	A60	6,017,808	01/25/00	Wang et al.	438	528		
	A61	6,025,254	02/15/00	Doyle et al.	438	592		
	A62	6,031,269	02/29/00	Liu	257	347		
	A63	6,030,863	02/29/00	Chang et al.	438	229		
	A64	6,033,958	03/07/00	Chou et al.	438	275		
	HD	A65	6,037,204	03/14/00	Chang et al.	438	231	

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 039153-0649		SERIAL NO. <u>10/773,026</u> To be determined	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Xiang et al.			
				FILING DATE <u>25/04</u> To be determined		GROUP ART UNIT <u>2813</u> To be determined	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
H	A66	6,051,473	04/18/00	Ishida et al.	438	300	
	A67	6,057,200	05/02/00	Prall et al.	438	300	
	A68	6,083,798	07/04/00	Lin	438	297	
	A69	6,072,222	06/06/00	Nistler	257	383	
	A70	6,080,645	06/27/00	Pan	438	585	
	A71	6,087,235	07/11/00	Yu	438	300	
	A72	6,090,691	07/18/00	Ang et al.	438	564	
	A73	6,096,614	08/01/00	Wu	438	303	
	A74	6,103,609	08/15/00	Lee et al.	438	592	
	A75	6,110,783	08/29/00	Burr	438	286	
	A76	6,110,787	08/29/00	Chan et al.	438	300	
	A77	6,124,176	09/26/00	Togo	438	305	
	A78	6,137,149	10/24/00	Kodama	257	408	
	A79	6,150,221	11/21/00	Aoyama	438	300	
	A80	6,156,613	12/05/00	Wu	438	300	
	A81	6,171,910	01/09/01	Hobbs et al.	438	275	
	A82	6,184,097	02/06/01	Yu	438	299	
	A83	6,187,642	02/13/01	Yu et al.	438	300	
	A84	6,190,977	02/20/01	Wu	438	300	
	A85	6,200,867	03/13/01	Chen	438	300	
	A86	6,211,026	04/03/01	Ahmad et al.	438	300	
	A87	6,216,357	04/17/01	Victor et al.	33	810	
	A88	6,228,722	05/08/01	Lu	438	279	
	A89	6,248,637	06/19/01	Yu	438	300	
	A90	6,300,203	10/09/01	Buynoski et al.	438	287	
	A91	6,300,201	10/09/01	Shao et al.	438	281	
	A92	6,316,357	11/13/01	Lin et al.	438	662	
	A93	6,320,228	11/20/01	Yu	257	350	
	H	A94	6,380,043	04/30/02	Yu	438	305

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